

CLAIMS

1. Dispenser (Sp) for pasty to flowable substances (M), the filling volume of which is held by a dimensionally stable container (1), at least half of which comprises a bag (10) which, when emptied from the mouthpiece, collapses into one container half (2), characterized in that the bag (10) collapses on account of a negative emptying pressure produced by a mouthpiece pump (P).
2. Dispenser according to Claim 1 or in particular according thereto, characterized in that an outwardly protruding edge (11) of the bag (10) in the region of the equatorial connecting join (12) of two container shell halves (2, 3) is held in a flange-like manner, one half (2) carrying the emptying mouthpiece pump (P) in the apex region.
3. Dispenser according to one or more of the preceding claims or in particular according thereto, characterized in that a grid (21) is disposed in front of the passage region (13) between container shell half (2) and emptying mouthpiece pump (P), to support the collapsed bag (10).
4. Dispenser according to one or more of the preceding claims or in particular according thereto, characterized in that the shell half (2) equipped with the emptying mouthpiece pump (P) has on its inner surface supporting ribs (25) for the bag (10), preferably reaching as far as the passage region (13).
5. Dispenser according to one or more of the preceding claims or in particular according thereto, characterized in that the bag (10) has a slightly stabilized base area (26).

6. Dispenser according to one or more of the preceding claims or in particular according thereto, characterized in that the inlet opening, adjoining the passage region (13), of the emptying mouthpiece pump (P) is formed as a web-interrupted annular opening (34), running concentrically and coaxially in relation to the bag (10).
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7. Dispenser according to one or more of the preceding claims or in particular according thereto, characterized in that the annular opening (34) is formed by a ring of holes.
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8. Dispenser according to one or more of the preceding claims or in particular according thereto, characterized in that the annular opening (34) is disposed in the base of a collecting funnel (46) diverging counter to the direction of delivery (arrow y) of the substances (M), said base at the same time providing a pump chamber base (30).
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9. Dispenser according to one or more of the preceding claims or in particular according thereto, characterized in that the diameter of the annular opening (34) substantially corresponds to the diameter of the passage region (13) or grid (21).
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